BEYER WEAVER & THOMAS, LLP

RECEIVED CENTRAL FAX CENTER

JAN 1 2 2005

INTELLECTUAL PROPERTY LAW

590 W. El Camino Real, Mountain View, CA 94040 Telephone: (650) 961-8300 Facsimile: (650) 961-8301 www.beyerlaw.com

FACSIMILE COVER SHEET

January 12, 2005

Receiver:

Sean P. Shechtman, Patent Examiner, Art Unit 2125

TEL#:

(571) 272-3754

FAX#:

(703) 872-9306

Sender:

Francis T. Kalinski II, Registration No. 44,177

Our Ref. No.: KLA1P095/P1072

Re:

U.S. Patent Application No. 10/765,515

File Date: January 26, 2004

Title: "Defect Detection Using Multiple Sensors and Parallel Processing"

Pages Including Cover Sheet(s): 10

MESSAGE:

CONFIDENTIALITY NOTE

The information contained in this facsimile (FAX) message is legally privileged and confidential information intended only for the use of the receiver or firm named above. If the reader of this message is not the intended receiver, you are hereby notified that any dissemination, distribution or copying of this FAX is strictly prohibited. If you have received this FAX in error, please immediately notify the sender at the telephone number provided above and return the original message to the sender at the address above via the United States Postal Service. Thank you.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SMITH et al.

Attorney Docket No.: KLA1P095/P1072

Application No.: 10/765,515

Examiner: SHECHTMAN, Sean P.

Filed: January 26, 2004

Group: 2125

CENTRAL FAX CENTER

Title: DEFECT DETECTION USING MULTIPLE SENSORS AND PARALLEL Confirmation No. 1036

JAN 1 2 2005

PROCESSING

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to fix number 703-872-9306 to the U.S. Patent and Trademark Office on January 12,

Signed:

AMENDMENT B TRANSMITTAL

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir.

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	13	MINUS	20	0	x 25 =	x 50 = \$-0-
Independent Claims	2	MINUS	3	0 .	x 100 =	x 200 = \$-0-
Multiple Dependent Claim Present and Fee Not Previously Paid					\$180.00	\$360.00
				Total	\$	\$-0-

Applicant(s) hereby petition for a ___ ___ month extension(s) of time to respond to the

aforementioned Office Action.

 \boxtimes Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 50-0388 (Order No. KLA1P095).

Enclosed is our Check No. _ __ in the amount of S____ to cover the additional

claim fee and/or extension of time fees.

 \boxtimes Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 50-0388 (Order No. KLA1P095).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

Francis T. Kalinski II

Registration No. 44,177

P.O. Box 70250 Oakland, CA 94612-0250

CENTRAL FAX CENTER

NO. 306 P. 3

JAN 1 2 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SMITH et al.

Attorney Docket No.: KLA1P095/P1072

Application No.: 10/765,515

Examiner: SHECHTMAN, Sean P.

Filed: January 26, 2004

Group: 2125

Title: DEFECT DETECTION USING MULTIPLE Confirmation No. 1036

SENSORS AND PARALLEL PROCESSING

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to fax number 703-872-9306 to the U.S. Patent and Trademark Office on January 12, 2005.

AMENDMENT B

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Amendment B is in response to the Final Office Action mailed November 12, 2004. Applicants request entry of the following amendments and respectfully request reconsideration of this application based on the amendments and remarks contained herein.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.